

Model: Power-Xtra PX14000HP 22.2V 6S1P 14000 mAh (25C) Li-Polymer Battery
Stock Code: 900.869.503.164

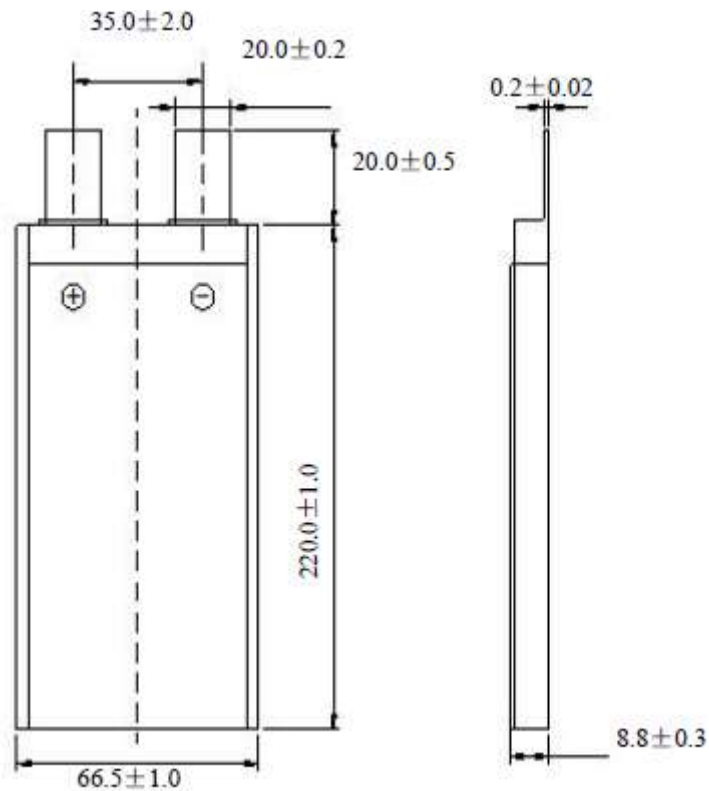
TECHNICAL INFORMATIONS

| Item | Specifications | Conditions |
|---------------------------------|--|---|
| Nominal Voltage | 22.2±0.05V | 0.2C Discharge |
| Charging | Method | CC-CV |
| | Voltage | 25.2±0.05V |
| Typ. Capacity | 14.377mAh | Fully Discharge to 18V @ 0.2C.after standard charge |
| Maximum Charge Voltage | 25.2V | 4.2V/Cell |
| Configuration | 6S1P | |
| Standard Charging Current | 7.000 mAh (0.5C) | Constant Current 0.5C |
| Standard Discharging Current | 14.000 mAh (1.0C) | Constant current 1.0C |
| Max. Constant Discharge Current | 80 AH (5.8C) | Ref.Temperature:10~50°C |
| Max. Burst Discharge Current | 350 AH (25.0C) | |
| Temperature | Charge | 0 to +10°C / Max Charge:0.5 |
| | | 10 to +45°C / Max Charge: 1C(900mA) |
| | Discharge | -20 to +60°C |
| | Storage | Less than 1 year: -20~25°C |
| less than 3 months: -20~30°C | | |
| less than 1 months: -20~45°C | | |
| Weight | 1960 gr | approximately |
| Cycles Test | Measure capacity under the cycle conditions described below, until the discharge capacity ≤80% for three times. Cycle conditions: Standard Charge (CC-CV, 0.5C, 25.2V) Rest for 30min;Discharge with 80A 21.0V cutting off. Testing temperature is 23±2°C. Cycle Life≥150 cycles Discharge Capacity≥80% | |

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Cell Dimension

| Item | Description | Dimension |
|------|---------------------|--------------|
| T | Cell Tab Thickness | 8.8 ± 0.5 mm |
| W | Cell Tab Width | 66.5 ± 1 mm |
| L | Cell Tab Length | 220.0 ± 1 mm |
| CL | Cable Length Length | - |
| P | Connector Model | - |



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Battery Pack Dimension

| Item | Description | Dimension |
|------|---------------------|---------------------------|
| T | Cell Tab Thickness | 59.5± 0.5 mm |
| W | Cell Tab Width | 70.0± 1 mm |
| L | Cell Tab Length | 233.0± 1 mm |
| CL | Cable Length Length | 100±3 mm (UL3302 24# AWG) |
| P | Connector Model | JST-XHR-7P |

Technical Drawing

